

| Ref # | Hits  | Search Query                 | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|-------|------------------------------|---|------------------|---------|------------------|
| L6    | 74    | "binary weighted" and cache  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2005/12/21 12:46 |
| L7    | 31    | 6 and optimiz\$7             | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2005/12/21 12:50 |
| L8    | 0     | 6 and (zise with optimiz\$7) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2005/12/21 12:46 |
| L9    | 10591 | 711/113-146.ccls.            | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2005/12/21 12:51 |
| L10   | 5     | 6 and 9                      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2005/12/21 12:51 |

| Ref # | Hits | Search Query                                 | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|------|--|---|------------------|---------|------------------|
| S37   | 96   | cache and (power with size\$3 with optim\$5) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR               | OFF     | 2005/12/19 13:06 |
| S38   | 9837 | 711/113-146.ccls.                            | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR               | OFF     | 2005/12/20 12:24 |
| S39   | 16   | S38 and (power with size\$3 with optim\$5)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR               | OFF     | 2005/12/19 09:42 |
| S40   | 2    | "20040168097"                                | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2005/12/19 08:28 |
| S41   | 2    | "20040154017"                                | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2005/12/19 08:34 |
| S42   | 2    | "20020097624"                                | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2005/12/19 08:41 |
| S43   | 2    | "20040133892"                                | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2005/12/19 08:43 |
| S44   | 2    | "6859862"                                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2005/12/19 08:45 |

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| S45 | 2  | "20040168097"     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/12/19 08:46 |
| S46 | 2  | "20040225868"     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/12/19 08:53 |
| S47 | 3  | "6253299"         | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/12/19 08:54 |
| S48 | 0  | cohen-ervin-b.in. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/12/19 08:55 |
| S49 | 0  | cohen-ervin\$.in. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/12/19 08:55 |
| S50 | 0  | ervin-cohen\$.in. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/12/19 08:56 |
| S51 | 30 | cook-thomas-e.in. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/12/19 08:59 |
| S52 | 4  | S51 and cache     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/12/19 08:56 |

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| S53 | 3  | govett-ian-r.in.        | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/12/19 09:00 |
| S54 | 16 | kartschoke-paul-d.in.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/12/19 09:01 |
| S55 | 32 | kosonocky-stephen-v.in. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/12/19 09:02 |
| S56 | 26 | S55 and power           | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/12/19 09:02 |
| S57 | 8  | S56 and cache           | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/12/19 09:04 |
| S58 | 25 | sandon-peter-a.in.      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/12/19 09:04 |
| S59 | 13 | S58 and cache and power | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/12/19 09:08 |
| S60 | 18 | williams-keith-r.in.    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/12/19 09:08 |

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| S61 | 2      | S60 and cache and power  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/12/19 09:08 |
| S62 | 597    | 711/128.ccls.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR | OFF | 2005/12/19 09:09 |
| S63 | 27825  | "711"/\$.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/12/19 09:44 |
| S64 | 5239   | dynamic\$5 with (reduc\$3 or<br>chang\$3 or lowering or minim\$7<br>or alter\$3) with (size or<br>dimension) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/12/19 09:47 |
| S65 | 813572 | (sav\$3 or reduc\$3 or minim\$7 or<br>lower\$3) with power   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/12/19 09:48 |
| S66 | 1028   | S64 and S65  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/12/19 10:11 |
| S67 | 52     | S63 and S66  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/12/19 10:12 |
| S68 | 10575  | 711/113-146.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/12/19 10:12 |

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| S69 | 23  | S66 and S68  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/12/19 10:29 |
| S70 | 19  | S69 and optimiz\$7   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/12/19 11:00 |
| S71 | 148 | determin\$3 with optimiz\$7 with<br>(cache or memory or bank) with<br>(size or space or page or<br>dimension)            | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/12/19 11:17 |
| S72 | 20  | S68 and S71  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/12/19 11:02 |
| S73 | 3   | determin\$3 with optimiz\$7 with<br>(cache or memory or bank) with<br>(size or space or page or<br>dimension) with power | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/12/19 22:03 |
| S74 | 9   | "6421809"  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR | OFF | 2005/12/19 13:07 |
| S75 | 1   | S71 and S74  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR | OFF | 2005/12/19 13:07 |
| S76 | 8   | S74 and optimiz\$7   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR | OFF | 2005/12/19 13:08 |
| S77 | 1   | S76 and (size with power)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR | OFF | 2005/12/19 13:08 |

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| S78 | 2     | S76 and (size and power)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR | OFF | 2005/12/19 13:08 |
| S79 | 6     | cache with size with power with<br>(criter\$3 or condition)                              | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/12/19 21:57 |
| S80 | 26    | determin\$3 with optimiz\$7 with<br>(cache) with (size or space or<br>page or dimension) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/12/19 22:04 |
| S81 | 13    | S80 and power  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/12/19 22:04 |
| S82 | 9     | "6421809"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/12/20 09:16 |
| S83 | 7     | S82 and criter\$3  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/12/20 09:17 |
| S84 | 1     | S82 and (criter\$3 with power)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/12/20 09:17 |
| S85 | 10529 | 711/113-146.ccls.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR | OFF | 2005/12/20 12:24 |
| S86 | 14    | S85 and (powered with way)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR | OFF | 2005/12/20 12:35 |

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| S87 | 13    | (binary near2 weighted) and<br>(powered with way)                             | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR | OFF | 2005/12/20 13:22 |
| S88 | 140   | power\$5 with cache near5 way   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/12/20 13:06 |
| S89 | 2     | (power\$3 adj (down or off)) with<br>cache near5 way                          | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/12/20 13:05 |
| S90 | 1     | (binary near2 weighted) same<br>(powered with way)                            | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR | OFF | 2005/12/20 13:22 |
| S91 | 1     | (binary near2 weighted) same<br>(powered with (way or bank or<br>partition))  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR | OFF | 2005/12/20 13:23 |
| S92 | 9     | (binary near2 weighted) same<br>(power\$3 with (way or bank or<br>partition)) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR | OFF | 2005/12/20 14:12 |
| S93 | 10080 | (power\$3 near2 (down or off))<br>same (way or bank or partition)             | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR | OFF | 2005/12/20 13:25 |
| S94 | 77    | S85 and S93   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR | OFF | 2005/12/20 14:11 |
| S95 | 601   | 711/128.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/12/20 14:11 |



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| S96 | 1  | S95 and (binary near2 weighted)        | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/12/20 14:12 |
| S97 | 0  | S95 and (binary near2 weight)          | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/12/20 14:12 |
| S98 | 1  | S95 and (binary near2 weight\$3)       | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/12/20 14:13 |
| S99 | 21 | S95 and (power\$3 near5 (down or off)) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/12/20 14:14 |